

C L A I M S

Sub 9² →

1. An arrangement for inclined rolling of tube-shaped or bar-shaped rolling products, comprising at least two rollers adapted to receive therebetween a rolling product so as to determine a longitudinal axis of the rolling product, said rollers being driveable and rotatable about said longitudinal axis, said rollers having roller axes inclined at an inclination angle relative to said longitudinal axis, said roller axes being inclined in such a plane which, when considered in or against the longitudinal axis, extends parallel to said longitudinal axis at a radial distance from it; and means for driving said rollers, said driving means including a sun gear and drive gears provided with an axis-offset bevel gear toothing and surrounding a respective one of said roller axes, said drive gears engaging with said sun gear so that said rollers are driven by said sun gear through said drive gears.

2. An arrangement as defined in claim 1; and further comprising shafts supporting said rollers, said drive gears which engage with said sun gear being arranged on said shafts and connected with said shafts for joint rotation therewith.

1 3. An arrangement as defined in claim 1, wherein
2 said drive gears which engages said sun gear have a hub
3 region provided with a hollow toothing; and further comprising
4 a plurality of shafts each supporting a respective one of said
5 rollers and having an outer toothing engaging in said hollow
6 toothing.

1 4. An arrangement as defined in claim 3; and
2 further comprising rotatable eccentric bushings each
3 supporting a respective one of said shafts so that said
4 shafts are transversely adjustable relative to said drive
5 gears and said longitudinal axis.

1 5. An arrangement as defined in claim 1, wherein
2 said rollers are adjustable in a direction of said roller
3 axes.

1 6. An arrangement as defined in claim 1, wherein
2 said rollers include four driven rollers.

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